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I hereby certify that this correspondence is being deposited with the United States Postal Service, with sufficient postage, as first class mail in an envelope addressed to: MS/ Non-fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on October 1, 2004

Date of Deposit

Gustavo Siller, Jr., Reg. No. 32,305Name of applicant, assignee or
Registered Representative

Signature
October 1, 2004

Date of Signature

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Technology Center 2600

Our Case No. 9281/4223
Client Ref. No. N US00101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|------------------------------------|---|----------------------------|
| In re Application of: |) | |
| Naoya HASEGAWA |) | |
| Serial No.: 10/015,091 |) | Examiner: Miller, Brian E. |
| Filing Date: October 23, 2001 |) | Group Art Unit: 2652 |
| For: SPIN-VALVE THIN-FILM MAGNETIC |) | |
| ELEMENT WITHOUT SENSING |) | |
| CURRENT SHUNT AND THIN- |) | |
| FILM MAGNETIC HEAD |) | |
| INCLUDING THE SAME |) | |

AMENDMENT AND RESPONSE

MS/Amendment
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This paper is submitted in response to the Office Action of July 2, 2004.
The Claims begin on page 2, and the Remarks begin on page 15.



CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: October 1, 2004 Name: Gustavo Siller, Jr.

Signature: 

BRINKS
HOFER
GILSON
& LIONE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|---------------------|--|------------|------------------|
| Applicant: | Naoya HASEGAWA | Examiner: | Miller, Brian E. |
| Serial No.: | 10/015,091 | Art Unit: | 2652 |
| Filed: | October 23, 2001 | | |
| For: | SPIN-VALVE THIN-FILM MAGNETIC ELEMENT WITHOUT SENSING CURRENT SHUNT AND THIN-FILM MAGNETIC HEAD INCLUDING THE SAME | | |
| Attorney Docket No: | 9281/4223 | Client No. | N US00101 |

Mail Stop: Amendment
Commissioner for Patents, P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

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OCT 08 2004

Attached are:

- Transmittal Letter (in dup); Amendment and Response to Office Action of July 2, 2004 (18p);
- Return Receipt Postcard

Fee calculation:

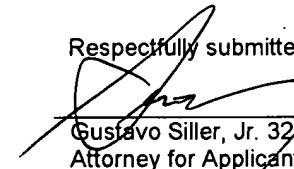
- No additional fee is required.
- An extension fee in an amount of \$ _____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
- An additional filing fee has been calculated as shown below:

| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | | Small Entity | | Not a Small Entity | | |
|---|-------------------------------------|-------|------------------------------------|------------------|--|--------------|-----------|--------------------|---------|-----------|
| | | | | | | Rate | Add'l Fee | or | Rate | Add'l Fee |
| Total | | Minus | | | | x \$9= | | | x \$18= | |
| Indep. | | Minus | | | | x 43= | | | x \$86= | |
| First Presentation of Multiple Dep. Claim | | | | | | +\$145= | | | +\$290= | |
| | | | | | | Total | \$ | | Total | \$ |

Fee payment:

- Please charge Deposit Account No. 23-1925 in the amount of \$ _____. A copy of this Transmittal is enclosed for this purpose.
- The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,


Gustavo Siller, Jr. 32,305
Attorney for Applicant

October 1, 2004
Date